



Tactical Automated Mission Planning System

6 June 1997

<http://tamps6.mugu.navy.mil:1080>

CAPTAIN's CORNER

by Capt. Ted Spilman

Things are running smoothly this week. Rebuilding the business is slowly, but surely, progressing. I am much encouraged by the ownership being take at all levels of the team for process, procedures and product. Don't stand in this team's way!

Jim Lacey, Kathey Bailey and Tom Olds are aboard the GW to brief RAdm. Mullins on TAMPS 6.1 and how it is supporting his CARGRU in CAG 1. TAMPS 6.1.1 is progressing.

A TAMPS 6.2 Executability Review was held Wednesday. I was quite impressed with the process improvements in place for this product at the management and development levels. Though there are many challenges ahead, it appears that the integrated team is well managed and executing for success. The CM tool purchased for 6.2 is already paying for itself!

The 7.0/JMPS team continued its process by putting out an RFI for the upcoming industry day. Additionally, the contracts and legal support group of both the Navy and Air Force conducted a very successful meeting to determine the schedule and steps required to get to the RFP. Technical work continues toward specification production. VAdm. Lockard will be provided an information briefing on 7.0/JMPS today.

Next Thursday marks the first of our new process budget reviews, and the BFM team is busily preparing for the review. It takes a great deal of work to develop a process by which we can manage and execute budget to the IPT level, but this effort will undoubtedly pay off for us.

Attack the cause, not the symptom, Spunk!

Executive Highlights

- TAMPS SSA supporting deployed HS-2 with MDLs.
- TAMPS ORD Mod for 6.1 approved by OPNAV effective 27 May 1997. The Mod changes MTBOMF to greater than 30 hours.
- TAMPS 6.1 IPT conducted brief/demo of 6.1 to RAdm. Mullen and his staff aboard the USS George Washington, 6 June.
- The TAMPS 6.2 IPT successfully presented it's first Executability Review to PMA-233 on 4 June!
- TAMPS 7.0/JMPS architecture and acquisition strategy brief to AIR-00 VAdm. Lockhard, 6 June.
- Mission Planning "Train-the-Trainers" being held at SWATSCOLPAC finishes up this week.
- TAMPS web site has a new look! We are designing communications features into it.

UPCOMING EVENTS

9 Jun	TAMPS 7.0/JMPS Architecture Brief to COMOPTEVFOR
10 Jun	6.1.1 TPWG @ Pt. Mugu
19 Jun	TAMPS 7.0/JMPS IPT Kickoff Ft. Myer, VA
23-24 Jun	6.2 PDR#2 @ Pt. Mugu
26-27 Jun	6.2 Guard Peer Review @ Fair Lakes
30 June	MIDB 2.0 Meeting @ DIA
1 July	MP LAN Meeting @ CNAP

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by Shawn Moorman

Come visit us at the new TAMPS Web site! Navigation has been greatly improved and there are lot's of new functionalities to be added in the coming weeks. The home page gives quick and easy access to the latest Status Report, provides reminders of upcoming events, and links to new web features. The top level hierarchy will consists of: Programmatics, Communications, MPM Depot, IMPWG Home Page, JMPS Home Page, Library, Help Desk, Virtual, and Links. Our goal is to build a web site that provides the TAMPS Team with a single location that can satisfy all our information and communication needs.

SSA Fleet Liaison

by Lt. Brian Noyes

We received four Mission Data Loaders and a message from HS-2 requesting that we load their MDLs with real world contingency strike plans (since they have not yet received TAMPS 6.1 software and hardware to support loading their own MDLs). HS-2 is currently deployed. We planned the missions using the Pt. Mugu TAMPS lab Ultra II and loaded all their MDLs 3 June. After DCC processing on 4 June, the MDLs and the kneeboard cards, with the associated flight plans, were sent back to HS-2 5 June. We are working on getting them a TAMPS 6.1 CD ROM to load and an MDLR to do their own data loads since they were placed on the early fleet release message for TAMPS 6.1.

Seven Phases of a Product's Life Cycle — Design (cont'd)

by Paola Carrasco

High-level design phase inspections validate completeness and content of software requirements and the user interface. An inspection team (design document author, quality assurance, and other inspectors appropriate for each SOR) inspects the materials after receipt of the requirements trace, the statement of functionality, and the user interface portions of the design notebook.

The inspection team follows the rules and checklists defined in the TAMPS Software Inspection Process Guide. These inspections are used to determine if software requirements are adequately defined, the user interface is preferable implementation of the requirements, and the requirements trace demonstrates coverage for the system requirements. Any problems found with the documentation are logged as major issues, minor issues, or a question of intent. An issue only becomes a defect if the author acknowledges it as a defect and corrects the document in question.

Entry criteria for inspections includes agreement from the author to participate as an inspector. cursory examination of the document shows less than one major issue per page and neither the author nor the inspection leader vetoes the document. Exit criteria includes all edits are complete and all change requests for source documentation are included in the product document.

TAMPS PRODUCTS

TAMPS 6.1

by Jim Lacey/Dave Pearson

Programmatics

The TAMPS ORD Modification has been approved by OPNAV effective 27 May 1997. This now changes the MTBOMF to >30 hrs and will be used in 6.1 testing. Kathey Bailey, Jim Lacey and Tim Boyce (NRAD Det) flew down to NAS Roosevelt Roads 5 June. Friday, 6 June they will be taken by COD to the USS George Washington to brief/demo 6.1 to RAdm. Mullen and staff.

In-Service Support Engineering

Logistics documented a recommended spend plan for TAMPS spares. The recommended spend plan has been forwarded to the APML for approval.

The Mission Planning Train-the-Trainers at SWATSCOLPAC is being conducted this week and will finish up on 6 June. The System Administration class begins next week.

The CSRR aboard USS Nimitz (CVN-68) will be completed this week.

Mission Planning Training materials DRAFT are ready for review and are scheduled to be distributed to PMA-205 this week. Interested MPMs should contact Judy Jolly via email (jolly@nosc.mil) for distribution.

TAMPS 6.1.1

by Jim Lacey/Dave Pearson

Programmatics

The Core Freeze is scheduled for 5 June. Availability of printers from Xerox may impact the next phase of testing. A Risk Review/TPWG Meeting will be held at NAWCWPNS Pt Mugu 10 June to finalize the 6.1.1 schedule.

Systems Engineering

We are providing Risk Mitigation Process guidance for the 10 June review.

In-Service Support Engineering

We have forwarded the recommended spares list for the Ultra 2 configuration to the APML for approval.

Also, we are participating in a demo aboard the USS George Washington (CVN-73) for RAdm. Mullin.

Integrating and delivering Ultras to F/A-18 for 6.1.1 development.

TAMPS 6.2

by LCmdr. Dober/Sandy Long

Programmatics

The TAMPS 6.2 IPT successfully presented it's first Executability Review to PMA-233 on 4 June! The brief was very well received. All parties that were involved in the PDR at the end of May did an excellent job in identifying any risk areas and developing mitigation plans for the identified risks. The Executability Review was an all encompassing brief that showed 6.2 is on schedule and executable within the budget. We would like to thank Bob Anderson, Joe Keim, Paolo Carrasco, and Robin Nixon for putting together an excellent briefing package. Also, we would like to personally thank Sandy Long for the superb effort that she put forth during preparation and execution of the PDR. We thank the MPM owners for their involvement in helping identify risks and suggesting mitigation plans during the PDR. It is essential that we keep those lines of communication open because TAMPS 6.2 will only be successful as a system. The impact that TAMPS 6.2 will have on mission planning in the fleet dictates that we do the job correctly the first time.

Members of the 6.2 team attended the MIDB User's Group at DIAC this past week. MIDB 2.0 was identified as a risk area that contains several changes to the threat data base schema and several category changes. It is essential that 6.2 correctly replicates and queries the MIDB 2.0 data base for threat analysis. Mary Collins voiced some of our concerns and there will be a follow-on meeting between the team and DIA at the end of this month. All parties involved are going out of their way to insure proper connectivity between the two systems.

Systems Engineering

We assisted in the Executability Review to PMA-233. Pursued action items defined at PDR 1. Implemented the Risk Mitigation Process on a prototype basis. Also, we incorporated the Cost/Schedule data into metrics for analysis.

Testing

The 6.2 PDR was held last week at Point Mugu. It consisted of two parts: a Technical Review and a

Management review. All SORs presented for PDR were approved to continue on to detail design. The PDR Management brief that included the action items from both the Technical Review and the Management Review has been placed on the TAMPS web site in the 6.2 PDR Materials folder.

The 6.2 Core Engineering Offsite was held 5 June at the Lockheed Martin facility in Camarillo. The focus items of the meeting included planning the next series of inspections to reach CDR, approved STR list, lessons learned from the SRR-PDR inspections, and any related process improvements.

The SIPRNET connection necessary to support TAMPS 6.2 is progressing very slowly. Efforts are continuing to make this happen by July 1997.

In-Service Support Engineering

We are continuing the DTC-2 replacement study. Also, we are coordinating this effort with LAN and 6.2 server requirements and investigating transition approaches for DTC-2 replacements prior to 6.2 release.

The Enterprise server procurement package has been placed on contract with Intergraph.

TAMPS 7.0

by Micheline Lopez-Estrada/John Seybold

Programmatics

The JIPT completed the Request for Information (RFI) package and will be posted at <http://herbb.hanscom.af.mil> on June 6. The Core JIPT met on May 28-29 to work in the following areas: Receiving and Sorting RFI submittals, Finalizing Team Communications methods, completing list of JIPT products, JIPT Charter, System Specification Development Process, and Refining the Master Schedule.

Systems Engineering

Defined Draper Lab follow-on activities after MPM interviews.

Testing

The TAMPS 7 team has been intently working on the action items from last week's meetings. As expected, these actions are causing the team to reexamine our tasking and plans in some detail. Once the dust settles, the results should be worthwhile. In the meantime, the amount of coordination and work required is fully occupying the team -- and there are still briefings to prepare.

N-PFPS

by Maj. Steve Bennett

Systems Engineering

We are coordinating the TAMPS connectivity definition and finalizing CONOPS.

FOREIGN MILITARY SALES

by Ed Walters/Paola Carrasco

Testing

Late last week the host FMS1 (the French E2C FMS Ultra 2) started exhibiting bizarre behavior during the execution of several scripts. These scripts had been successfully executed in the past. A second Ultra 2 was put in its place and the scripts executed successfully. FMS1 was again put into place, this time with the CPU from the second machine, the scripts failed. This led us to believe the mother board of FMS1 was experiencing some sort of fault. FMS1 was sent back to NRAD for repair, and a substitute Ultra is now being used for the FMS effort.

In-Service Support Engineering

We are working with the FMS staff and E2-C team to firm up French hardware and logistics requirements, scheduling and funding issues.

TAMPS PROGRAM TEAM (703) 604-3426 / DSN 664

PROGRAM MANAGER

Capt. Ted Spilman x7905

Integrated Program Team (IPT) Co-Leads

Current Systems

Oreta Stinson x 7908

Future Systems

Capt. Mark Swaney x TBD

Program Competency Specialists

Budget/Finance

Esther Zinnerman x 7913

Fleet Liaison

Cmdr. Ron Christopher x 7915

Systems Engineering

Lt.Cmdr. John Weidman x 7919

Logistics

Neal Thomas x 7914

Process

Richard Vickers x 7911

Requirements

Kathy Bailey x 7906

PROGRAM DEPUTIES

Systems Development

Bob Anderson (DSN 437) (619) 939-5366

In-service Engineering Activity

Steve Fox (DSN 442) (215) 214-8060

EDITOR

Joe Keim (DSN 437) (619) 939-4229

e-mail:
keim%am@mr.chinalake.navy.mil (619) 384-6419

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